

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 09-282600

(43)Date of publication of application : 31.10.1997

(51)Int.Cl.

G08G 5/06  
B64F 1/36

(21)Application number : 08-087984

(71)Applicant : MITSUBISHI ELECTRIC CORP

(22)Date of filing : 10.04.1996

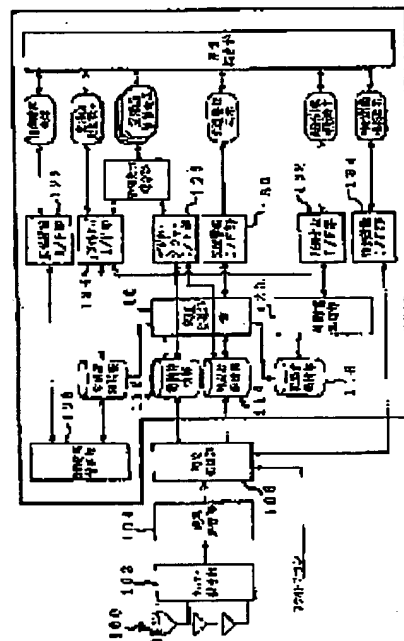
(72)Inventor : HASEGAWA TAKAYUKI  
KIMURA HIROSHI

(54) SYSTEM FOR MONITORING TRAFFIC OF OBJECTS MOVING ON GROUND OF AIRPORT

(57)Abstract:

**PROBLEM TO BE SOLVED:** To more safely monitor the traffic of objects moving on the ground of an airport by issuing an alarm, only when a monitor level set based on the state of jamming and the condition of a visual range is higher than a threshold value at the time of detecting any abnormal state.

**SOLUTION:** A sensor integrating part 102 is provided, inputs from plural sensors 100 are integrated by the sensor integrating part 102, and the respective moving objects are extracted. Then, the coordinate data of respective moving objects extracted by the sensor integrating part 102 are supplied to a tracking processing part 104, and the moving objects are monitored. Such a device is provided with a jamming state detecting means for the airport, a visual range condition detecting means for detecting the visual range conditions, a monitor level setting means for setting the monitor level based on the jamming state and the visual range condition, and a warning means for issuing the alarm, only when the set monitor level is higher than the prescribed threshold value at the time point of detecting the abnormal state. Thus, the alarm is effectively suppressed by changing the threshold value.



BEST AVAILABLE COPY

Searching PAJ

Page 2 of 2

## LEGAL STATUS

|   |            |
|---|------------|
| [Date of request for examination]   | 13.03.1997 |
| [Date of sending the examiner's decision of rejection]  |            |
| [Kind of final disposal of application other than the examiner's decision of rejection or application converted registration] |            |
| [Date of final disposal for application]  |            |
| [Patent number]   | 3165030    |
| [Date of registration]  | 02.03.2001 |
| [Number of appeal against examiner's decision of rejection]   |            |
| [Date of requesting appeal against examiner's decision of rejection]  |            |
| [Date of extinction of right]   |            |

AVAILABLE COPY